

SEQUENCE LISTING

<110> Brett P. Monia
Andrew T. Watt

<120> ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION

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RTS-0302

-10-

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Phe Leu Ala Glu Gln Asn His Leu Tyr Glu Asp Leu Phe Arg Ala Arg

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tac aac ctg ggc acc atc cac tgg cgc gcg ggc cag cac tcc cag gct 1034

Tyr Asn Leu Gly Thr Ile His Trp Arg Ala Gly Gln His Ser Gln Ala

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Met Arg Cys Leu Glu Gly Ala Arg Glu Cys Ala His Thr Met Arg Lys

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Arg Phe Met Glu Ser Glu Cys Cys Val Val Ile Ala Gln Val Leu Gln

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Arg Leu Gly Ser Gln Lys Pro Val Gln Arg Ala Ala Ile Cys Gln Asn			
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Tyr Gln Lys Gln Leu Arg Phe Ala Glu Leu Leu Asp Arg Pro Gly Ala			
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Pro Gln Glu Ala Pro Glu Thr Glu Thr Arg Leu Arg Glu Leu Ser Val				
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Arg Asp Tyr Cys Gly Trp Thr Pro Leu His Glu Ala Cys Asn Tyr Gly				
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Phe Arg Lys Ser Ile Phe Leu Ala Asp Glu Asn His Leu Tyr Glu Asp
30 35 40

cta ttc cgc gcc cgc tac aac ctg gcc acc atc cac tgg cgc gcg ggc 495
Leu Phe Arg Ala Arg Tyr Asn Leu Gly Thr Ile His Trp Arg Ala Gly
45 50 55

cag cac tcc cag gct atg cgc tgc ttg gag ggt gcc cgg gag tgt gcg 543
Gln His Ser Gln Ala Met Arg Cys Leu Glu Gly Ala Arg Glu Cys Ala
60 65 70

cac acc atg agc gaa gcg gtt cat gga gag cga gtg ctg cgt ggt tat 591
His Thr Met Ser Glu Ala Val His Gly Glu Arg Val Leu Arg Gly Tyr
75 80 85

tgc aca ggt cct cca aga cct ggg aga ctt ttt gcc tgc caa gcg agc 639
Cys Thr Gly Pro Pro Arg Pro Gly Arg Leu Phe Gly Cys Gln Ala Ser
90 95 100 105

cct gaa gaa gcg cta cag gct ggg ctc cca gaa gcc tgt gca gag ggc 687
Pro Glu Glu Ala Leu Gln Ala Gly Leu Pro Glu Ala Cys Ala Glu Gly
110 115 120

agc cat ctg tca gaa cct cca gca tgt gct gca gtg gtc cgg ctg cag 735
Ser His Leu Ser Glu Pro Pro Ala Cys Ala Ala Val Val Arg Leu Gln
125 130 135

caa cag ctg gaa gag gct gag ggc aga gac cct cag ggt gcc atg gtc 783
Gln Gln Leu Glu Glu Ala Glu Gly Arg Asp Pro Gln Gly Ala Met Val
140 145 150

atc tgt gag cag cta ggg gac ctc ttc tcc aag gca gga gac ttt ccc 831
Ile Cys Glu Gln Leu Gly Asp Leu Phe Ser Lys Ala Gly Asp Phe Pro
155 160 165

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Arg Ala Ala Glu Ala Tyr Gln Lys Gln Leu Arg Phe Ala Glu Leu Leu
170 175 180 185

gac aga ccg ggt gct gag cgg gcc atc atc cac gtg tcc ctg gcc acc 927
Asp Arg Pro Gly Ala Glu Arg Ala Ile Ile His Val Ser Leu Ala Thr
190 195 200

aca ctg gga gac atg aag gac cac cat ggg gcc gtg cgc cac tat gag 975
Thr Leu Gly Asp Met Lys Asp His His Gly Ala Val Arg His Tyr Glu
205 210 215

gag gaa ctg agg ctg cgc agc ggc aac gtg ctg gag gag gcc aag acc 1023
Glu Glu Leu Arg Leu Arg Ser Gly Asn Val Leu Glu Glu Ala Lys Thr
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tgg ctg aac att gca ctg tcc cgc gag gag gcg cga tgc cta cga gct 1071
Trp Leu Asn Ile Ala Leu Ser Arg Glu Glu Ala Arg Cys Leu Arg Ala
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Ala Gly Pro Val Leu Pro Glu Ser Ala Gln Leu Cys Pro Ala Gly Pro
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gcg tcc cca gct gca gag gca ggt ctt gca gca tct cca tac cgt gca 1167
Ala Ser Pro Ala Ala Glu Ala Gly Leu Ala Ala Ser Pro Tyr Arg Ala
270 275 280

gct gag ggc tgc agg ccc cag gag gcc cct gag acc gaa acc aga ctg 1215
Ala Glu Gly Cys Arg Pro Gln Glu Ala Pro Glu Thr Glu Thr Arg Leu
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Arg Glu Leu Ser Val Ala Glu Asp Glu Asp Glu Glu Glu Glu Ala Glu
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Glu Ala Ala His Ser Gly Glu Arg Thr Pro Gly Gly Arg Arg Gly Gly
315 320 325

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Ala Leu Arg Glu Arg Gly Arg His Arg Trp Pro Asp Pro Ala Ala Gly
330 335 340 345

gga gga cga gga gct tca ggg cca cct ggg gcc gcc aag ggg agc aag 1407
 Gly Gly Arg Gly Ala Ser Gly Pro Pro Gly Ala Ala Lys Gly Ser Lys
 350 355 360

tgg aac cgg cga aac gac atg ggg gag acc ctg ctg cac cga gcc tgc 1455
 Trp Asn Arg Arg Asn Asp Met Gly Glu Thr Leu Leu His Arg Ala Cys
 365 370 375

atc gag ggc cag ctg cgc cgc gtc cag gac ctt gtg agg cag ggc cac 1503
 Ile Glu Gly Gln Leu Arg Arg Val Gln Asp Leu Val Arg Gln Gly His
 380 385 390

ccc ctt aac cct cgg gac tac tgt ggc tgg aca cct ctg cac gag gcc 1551
 Pro Leu Asn Pro Arg Asp Tyr Cys Gly Trp Thr Pro Leu His Glu Ala
 395 400 405

tgc aac tac ggg cat cta gaa att gtc cgc ttc ctg ctg gac cac ggg 1599
 Cys Asn Tyr Gly His Leu Glu Ile Val Arg Phe Leu Leu Asp His Gly
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 Ala Ala Val Asp Asp Pro Gly Gly Gln Gly Cys Glu Gly Ile Thr Pro
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ctc cac gat gcc ctc aac tgt ggc cac ttc gag gtg gct gag ctg ctg 1695
 Leu His Asp Ala Leu Asn Cys Gly His Phe Glu Val Ala Glu Leu Leu
 445 450 455

ctt gaa cgg ggg gcg tcc gtc acc ctc cgc act cga aag gcc tca gcg 1743
 Leu Glu Arg Gly Ala Ser Val Thr Leu Arg Thr Arg Lys Ala Ser Ala
 460 465 470

cgc tgg aga cgc tgc agc agt ggg tga agctgtaccg cggagacctg 1790
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